2)

Empost collections

det moinci:

Starting\_node = £(0,0)

jugs = get-jugsc)

goal = amount = get - goal (jugg)

check \_dict = {}

3 - delth = True

Search (Storting node, s'ugs, goal-arrow,

chede\_dict, is\_depth)

det new\_ssansition(ings, path, check\_dict):

Print ("Eindy new boos: ton & checking by the looks...")

Wull-= C)

next inodel 2()

node = []

Alb

a\_MOX = jugs (0)

b - MOX = Jugs (1)

a = Path (-1) (0)

b = Path (-1) (1)

hode append (a)

node. aftend (b-mor)

: I not been - then (node, check-dict):

next\_nodes, affend (node)

node = []

node. append (a)

node. append (b. max)

if not been - there (node, check - dict);

nest-nodel. allerd (no de)

node=()

nodl - append (min (a. mox, a+b))

node. alpend (bi- (nodé[o)-a))

if not been - there ( node, check deet);

het node. aftend (node)

node = ()

All